```
=============================================================
Sequence Listing could not be accepted.
If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).
Reviewer: Anne Corrigan
Timestamp: [year=2008; month=9; day=18; hr=9; min=54; sec=13; ms=918; ]
=============================================================



*********************************************************
Reviewer Comments:
<210> 3
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Completely synthetic amino acid

<400> 3
aaguuucugu uugagcgugu g                                        21

The <223> response shows an error:  this sequence is not an amino acid
sequence.  Please just use "Completely synthetic."  This error appears
in subsequent nucleotide sequences.

<210> 14
<211> 15
<212> PRT
<213> Amino acid

<220>
<223> Completely synthetic amino acid

The above <213> response is invalid:  the only valid <213> responses
are:  the Genus species of the organism, "Artificial Sequence," or
"Unknown."  "Artificial Sequence" and "Unknown" require explanation in
the <220>-<223> section.  Please give the source of the genetic
material.  Please just use "Completely synthetic" in the <223> response.


<210> 15
```

```
<211> 12
<212> PRT
<213> Homo sapien
```

Please use "Homo sapiens" in the <213> response; same for Sequences 16-19.

* *

Application No: 10586701   Version No: 1.0

                    Input Set:

                    Output Set:

                Started: 2008-08-20 09:59:54.252
               Finished: 2008-08-20 09:59:55.453
                Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 201 ms
        Total Warnings: 17
          Total Errors: 0
  No. of SeqIDs Defined: 19
     Actual SeqID Count: 19

Error code   Error Description

W   213   Artificial or Unknown found in <213> in SEQ ID (3)

W   213   Artificial or Unknown found in <213> in SEQ ID (4)

W   213   Artificial or Unknown found in <213> in SEQ ID (5)

W   213   Artificial or Unknown found in <213> in SEQ ID (6)

W   213   Artificial or Unknown found in <213> in SEQ ID (7)

W   213   Artificial or Unknown found in <213> in SEQ ID (8)

W   213   Artificial or Unknown found in <213> in SEQ ID (9)

W   213   Artificial or Unknown found in <213> in SEQ ID (10)

W   213   Artificial or Unknown found in <213> in SEQ ID (11)

W   213   Artificial or Unknown found in <213> in SEQ ID (12)

W   213   Artificial or Unknown found in <213> in SEQ ID (13)

W   402   Undefined organism found in <213> in SEQ ID (14)

W   402   Undefined organism found in <213> in SEQ ID (15)

W   402   Undefined organism found in <213> in SEQ ID (16)

W   402   Undefined organism found in <213> in SEQ ID (17)

W   402   Undefined organism found in <213> in SEQ ID (18)

W   402   Undefined organism found in <213> in SEQ ID (19)

<110> Merck & Co., Inc.
      Filocamo, Gessica
      Steinkuhler, Christian

<120> INHIBITORS OF MAMMALIAN HDAC 11 USEFUL
   FOR TREATING HDAC 11 MEDIATED DISORDERS

<130> ITR0064Y

<140> 10586701
<141> 2008-08-20

<150> US 60/537,940
<151> 2004-01-21

<160> 19

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 1755
<212> DNA
<213> Homo sapiens

<400> 1
agctttggga gggccggccc cgggatgcta cacacaaccc agctgtacca gcatgtgcca 60
gagacaccct ggccaatcgt gtactcgccg cgctacaaca tcaccttcat gggcctggag 120
aagctgcatc cctttgatgc cggaaaatgg ggcaaagtga tcaatttcct aaaagaagag 180
aagcttctgt ctgacagcat gctggtggag gcgcgggagg cctcggagga ggacctgctg 240
gtggtgcaca cgaggcgcta tcttaatgag ctcaagtggt cctttgctgt tgctaccatc 300
acagaaatcc cccccgttat cttcctcccc aacttccttg tgcagaggaa ggtgctgagg 360
ccccttcgga cccagacagg aggaaccata atggcgggga agctggctgt ggagcgaggc 420
tgggccatca acgtgggggg tggcttccac cactgctcca gcgaccgtgg cggggggcttc 480
tgtgcctatg cggacatcac gctcgccatc aagtttctgt ttgagcgtgt ggagggcatc 540
tccagggcta ccatcattga tcttgatgcc catcagggca atgggcatga gcgagacttc 600
atggacgaca agcgtgtgta catcatggat gtctacaacc gccacatcta cccagggggac 660
cgctttgcca agcaggccat caggcggaag gtggagctgg agtgggggcac agaggatgat 720
gagtacctgg ataaggtgga gaggaacatc aagaaatccc tccaggagca cctgcccgac 780
gtggtggtat acaatgcagg caccgacatc ctcgagggggg accgccttgg ggggctgtcc 840
atcagcccag cgggcatcgt gaagcgggat gagctggtgt tccggatggt ccgtggccgc 900
cgggtgccca tccttatggt gacctcaggc gggtaccaga gcgcacagc ccgcatcatt 960
gctgactcca tacttaatct gtttggcctg gggctcattg gcctgagtc acccagcgtc 1020
tccgcacaga actcagacac accgctgctt cccccctgcag tgccctgacc cttgctgccc 1080
tgcctgtcac gtggccctgc ctatccgccc cttagtgctt tttgttttct aacctcatgg 1140
ggtggtggag gcagccttca gtgagcatgg aggggcaggg ccatccctgg ctgggggcctg 1200
gagctggccc ttcctctact tttccctgct ggaagccaga agggcttgag gcctctatgg 1260
gtgggggcag aaggcagagc ctgtgtccca gggggaccca cacgaagtca ccagcccata 1320
ggtccaggga ggcaggcagt taactgagaa ttggagagga caggctaggt cccaggcaca 1380
gcgagggccc tgggcttggg gtgttctggt tttgagaacg gcagacccag gtcggagtga 1440
ggaagcttcc acctccatcc tgactaggcc tgcatcctaa ctgggcctcc ctccctcccc 1500
ttggtcatgg gatttgctgc cctctttgcc ccagagctga agagctatag gcactggtgt 1560
ggatggccca ggaggtgctg gagctaggtc tccaggtggg cctggttccc aggcagcagg 1620
tgggaaccct gggcctggat gtgaggggcg gtcaggaagg ggtacaggtg ggttccctca 1680

tctggagttc cccctcaata aagcaaggtc tggacctgca aaaaaaaaaa aaaaaaaaaa 1740
aaaaaaaaaa aaaaa   1755

<210> 2
<211> 347
<212> PRT
<213> Homo sapiens

<400> 2
Met Leu His Thr Thr Gln Leu Tyr Gln His Val Pro Glu Thr Pro Trp
 1   5   10   15
Pro Ile Val Tyr Ser Pro Arg Tyr Asn Ile Thr Phe Met Gly Leu Glu
            20   25   30
Lys Leu His Pro Phe Asp Ala Gly Lys Trp Gly Lys Val Ile Asn Phe
        35   40   45
Leu Lys Glu Glu Lys Leu Leu Ser Asp Ser Met Leu Val Glu Ala Arg
    50   55   60
Glu Ala Ser Glu Glu Asp Leu Leu Val Val His Thr Arg Arg Tyr Leu
65   70   75   80
Asn Glu Leu Lys Trp Ser Phe Ala Val Ala Thr Ile Thr Glu Ile Pro
                85   90   95
Pro Val Ile Phe Leu Pro Asn Phe Leu Val Gln Arg Lys Val Leu Arg
            100   105   110
Pro Leu Arg Thr Gln Thr Gly Gly Thr Ile Met Ala Gly Lys Leu Ala
        115   120   125
Val Glu Arg Gly Trp Ala Ile Asn Val Gly Gly Gly Phe His His Cys
    130   135   140
Ser Ser Asp Arg Gly Gly Gly Phe Cys Ala Tyr Ala Asp Ile Thr Leu
145   150   155   160
Ala Ile Lys Phe Leu Phe Glu Arg Val Glu Gly Ile Ser Arg Ala Thr
                165   170   175
Ile Ile Asp Leu Asp Ala His Gln Gly Asn Gly His Glu Arg Asp Phe
            180   185   190
Met Asp Asp Lys Arg Val Tyr Ile Met Asp Val Tyr Asn Arg His Ile
        195   200   205
Tyr Pro Gly Asp Arg Phe Ala Lys Gln Ala Ile Arg Arg Lys Val Glu
    210   215   220
Leu Glu Trp Gly Thr Glu Asp Asp Glu Tyr Leu Asp Lys Val Glu Arg
225   230   235   240
Asn Ile Lys Lys Ser Leu Gln Glu His Leu Pro Asp Val Val Val Tyr
                245   250   255
Asn Ala Gly Thr Asp Ile Leu Glu Gly Asp Arg Leu Gly Gly Leu Ser
            260   265   270
Ile Ser Pro Ala Gly Ile Val Lys Arg Asp Glu Leu Val Phe Arg Met
        275   280   285
Val Arg Gly Arg Arg Val Pro Ile Leu Met Val Thr Ser Gly Gly Tyr
    290   295   300
Gln Lys Arg Thr Ala Arg Ile Ile Ala Asp Ser Ile Leu Asn Leu Phe
305   310   315   320
Gly Leu Gly Leu Ile Gly Pro Glu Ser Pro Ser Val Ser Ala Gln Asn
                325   330   335
Ser Asp Thr Pro Leu Leu Pro Pro Ala Val Pro
            340   345

<210> 3
<211> 21

<212> RNA
<213> Artificial Sequence

<220>
<223> Completely synthetic amino acid

<400> 3
aaguuucugu uugagcgugu g   21

<210> 4
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Completely synthetic amino acid

<400> 4
aaugggcaug agcgagacuu aac   23

<210> 5
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Completely synthetic amino acid

<400> 5
aacucagaca caccgcugcu u   21

<210> 6
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Completely synthetic amino acid

<400> 6
aacugagaau uggagaggac a   21

<210> 7
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Completely synthetic amino acid

<400> 7
caaagacaaa cucgcacaca a   21

<210> 8
<211> 23
<212> RNA
<213> Artificial Sequence

<220>
<223> Completely synthetic amino acid

<400> 8
acccguacuc gcucugaauu gaa   23

<210> 9
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Completely synthetic amino acid

<400> 9
gagucugugu ggcgacgaaa a   21

<210> 10
<211> 21
<212> RNA
<213> Artificial Sequence

<220>
<223> Completely synthetic amino acid

<400> 10
gacucuuaac cucuccugua a   21

<210> 11
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Completely synthetic amino acid

<400> 11
cctcaggcgg gtaccagaa   19

<210> 12
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Completely synthetic amino acid

<400> 12
caggccaaac agattaagta tgga   24

<210> 13
<211> 21
<212> DNA
<213> Artificial Sequence

<220>

<223> Completely synthetic amino acid

<400> 13
cgcacagccc gcatcattgc t   21

<210> 14
<211> 15
<212> PRT
<213> Amino acid

<220>
<223> Completely synthetic amino acid

<400> 14
Met Leu His Thr Thr Gln Leu Tyr Gln His Val Pro Glu Thr Arg
 1   5   10   15

<210> 15
<211> 12
<212> PRT
<213> Homo sapien

<400> 15
Ala Ala Gly Gly Gly Cys Cys Gly Cys Gly Gly Cys
 1   5   10

<210> 16
<211> 10
<212> PRT
<213> Homo sapien

<400> 16
Gly Cys Gly Gly Ala Gly Cys Gly Gly Gly
 1   5   10

<210> 17
<211> 15
<212> PRT
<213> Homo sapien

<400> 17
Gly Gly Gly Cys Ala Gly Ala Gly Cys Gly Ala Gly Ala Cys Cys
 1   5   10   15

<210> 18
<211> 15
<212> PRT
<213> Homo sapien

<400> 18
Cys Cys Ala Gly Ala Cys Ala Cys Ala Cys Cys Gly Cys Gly Cys
 1   5   10   15

<210> 19
<211> 16
<212> PRT
<213> Homo sapien

<400> 19
Cys Gly Ala Gly Ala Ala Gly Gly Ala Gly Ala Gly Gly Ala Cys Ala
 1   5   10   15